



PACKAGE UNIT R410A
STANDARD EFFICIENCY / 60HZ
3 TO 5 TONS



Model		CP41AS036AH3N1C	CP41AS060AH3N1C	CP41AS060AH5N1C	
Power supply		V/Ph /Hz	208-230/1/60	208-230/1/60	208-230/3/60
Cooling	Capacity	Btu/h	36000	60000	60000
	SEER	Btu/h.W	10	10	10
Electrical data	Max. input consumption	KW	4.5	8.8	7.8
	Max. power input	A	24.8	48.4	41.5
Compressor	Model		APA032KAB	ABA054KAE	ZP57K3E-TF5-522
	Type		Scroll	Scroll	Scroll
	Brand		LG	LG	Copeland
	Rated current(RLA)	A	14	23	16.3
	Locked rotor Amp(LRA)	A	70	120	155
	Thermal protector		239 ~257 (115 - 125)	~257 (115 - 125)	239 275 (135)
	Refrigerant oil	ml	800	1300	1591
Indoor fan motor	Model		YDK270-6E	YDK600-6E	YDK600-6E
	Type		AC motor	AC motor	AC motor
	Brand		Welling/DaYang	Welling/DaYang	Welling/DaYang
	Output	HP	1/3	4/5	4/5
	Rated current	A	1.41	2.33	2.33
	Capacitor	uF	10	20	20
	RPM	r/min	400	990	990
Indoor fan	Material		Metal	Metal	Metal
	Type		Centrifugal fan	Centrifugal fan	Centrifugal fan
	Diameter	Inch(mm)	11.1(282)	11.1(282)	11.1(282)
	Height	Inch(mm)	10.7(272)	10.7(272)	10.7(272)
Indoor coil	Number of rows		3	4	4
	Tube pitch(a)x row pitch(b)	Inch(mm)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)
	Fin spacing	Inch(mm)	5.9(1.5)	5.9(1.5)	5.9(1.5)
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside diameter and type	Inch(mm)	Φ1/16(Φ7)	Φ1/16(Φ7)	Φ1/16(Φ7)
		Type	Inner grooved tube	Inner grooved tube	Inner grooved tube
	Coil length x height	Inch(mm)	16.6x28(421x714)	16.6x28(421x714)	16.6x28(421x714)
Number of circuits		8	8	8	
ESP		Pa	50	50	50
Indoor fan air flow		CFM	1380	1450	1450
Outdoor	Model		YDK180-6B	YDK180-6B	YDK180-6B
fan motor	Type		AC motor	AC motor	AC motor
	Brand		Welling	Welling	Welling
	Output	HP	1/3	1/3	1/3
	Rated current	A	2	2	2
	Capacitor	uF	12	12	12
	RPM	r/min	1075	1075	1075
Outdoor fan	material		Alnico	Alnico	Alnico
	Type		Axial flow fan	Axial flow fan	Axial flow fan
	Diameter	Inch(mm)	22.7(550)	22.7(550)	22.7(550)
	Height	Inch(mm)	4(102.5)	4(102.5)	4(102.5)
Outdoor coil	Number of rows		1	2	2
	Tube pitch(a)x row pitch(b)	Inch(mm)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)	0.8x0.5(21x13.37)
	Fin spacing	Inch(mm)	5.9(1.5)	5.9(1.5)	5.9(1.5)
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside diameter and type	Inch(mm)	Φ1/16(Φ7)	Φ1/16(Φ7)	Φ1/16(Φ7)
		Type	Inner grooved tube	Inner grooved tube	Inner grooved tube
	Coil length x height	Inch(mm)	15 13x756	1480x756	1480x756
Number of circuits		1	1	1	
Dimension	Net (WxHxD)	mm	1116x830x744	1116x830x744	1116x830x744
	Packing(WxHxD)	mm	1152x855x765	1152x855x765	1152x855x765
Weight	Net/Gross weight	Kg	132/135	151/154	151/154
Charged refrigerant			R4 10A/1600g	R4 10A/2750g	R4 10A/2550g
Optional Controller			KJR- 25B	KJR- 25B	KJR- 25B
Operation temp.			17-30	17-30	17-30
			62.6-86	62.6-86	62.6-86
Ambient temp.	Cooling		18-46	18-46	18-46
			64.4-114.8	64.4-114.8	64.4-114.8
Filter	Type		Nylon	Nylon	Nylon
	Quantity	Pieces	1	1	1
	Size (WxHxD)	mm	197x670x10	197x670x10	197x670x10
Shipping	Qty/Per 20'/40'/40'HQ	Pieces	30/62/91	30/62/91	30/62/91



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